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API Web Workshop

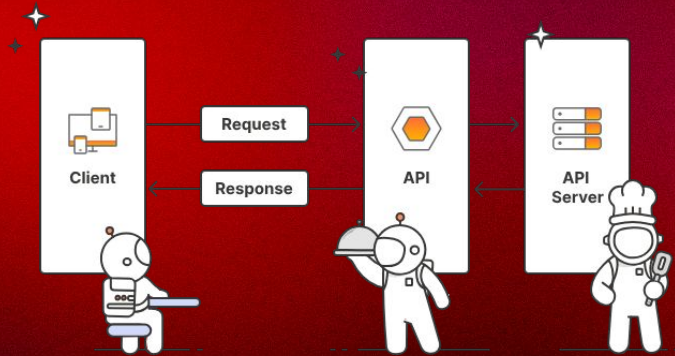
SASE Webmaster: Gurleen Dhillon

GitHub Repo: https://github.com/gurleend287/SASE_API_Web_Workshop

Pre-Workshop Slides: <https://shorturl.at/lorB4>

API (Application Programming Interface)

A way for two or more computer programs or components to communicate with each other.



WHY??

To integrate new applications with existing software.

Pros:

- Improved efficiency
- Increased flexibility
- New revenue streams

Cons:

- Security concerns
- Complexity
- Dependency on third-party applications



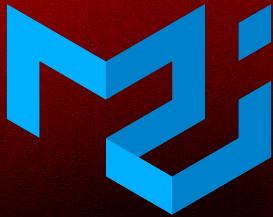
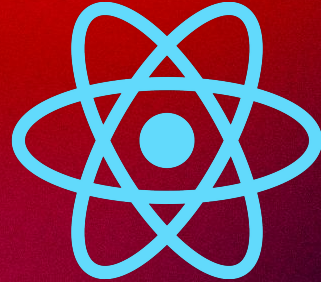
Spotify's API



<https://developer.spotify.com/>

React and Material UI

Open source front-end javascript library used to build user interfaces based on components.



Open source React component library that implements Google's Material Design.



Thank You!!

Follow Up Questions?
DM me on Discord (@gurleend287)

Resources

Material UI Templates

Spotify API Searcher
(if you want to implement a search feature)

Sample Project 1

Spotify Clone
(to get familiar with the API structure)

Sample Project 2

OAuth with Spring Boot
(learn different authentication methods)